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## Document Number 1

Entry 1 of 1

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Aug 13, 1996

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DOCUMENT-IDENTIFIER: US 5545504 A

TITLE: Ink jettable toner compositions and processes for making and using  
DATE-ISSUED: August 13, 1996

## INVENTOR-INFORMATION:

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## REF-CITED:

## U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>3994994</u>	November 1976	Stolka	430/72
<u>4314931</u>	February 1982	Hoffend et al.	260/42.53
<u>4476210</u>	October 1984	Croucher et al.	430/114
<u>4530961</u>	July 1985	Nguyen et al.	524/832
<u>4597794</u>	July 1986	Ohta et al.	106/20
<u>4846893</u>	July 1989	Akasaki et al.	106/500
<u>5108863</u>	April 1992	Hsieh et al.	430/138
<u>5204208</u>	April 1993	Paine et al.	430/137
<u>5278239</u>	January 1994	Hoxmeier	525/232
<u>5281261</u>	January 1994	Lin	106/20R
<u>5322912</u>	June 1994	Georges et al.	256/204
<u>5401804</u>	March 1995	Georges et al.	256/267
<u>5412047</u>	May 1995	Georges et al.	526/204

ART-UNIT: 113

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## ABSTRACT:

A process for the preparation of toner compositions comprising: forming a mixture comprised of at least one free radical reactive monomer, a colorant, a stabilizer compound containing a stable free radical reactive group, and a liquid vehicle; and heating the mixture from about 75.degree. to about 200.degree. C. to effect polymerization of said monomer, wherein there results stabilized core resin particles containing said colorant and wherein said stabilized core particles are stabilized by said stable free radical reactive stabilizer compounds being bonded directly to the core particles.  
21 Claims, 3 Drawing figures

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